

02752 Portland Cement Concrete Pavement**02752**

Standard Specification

Related Items: N/A**Type of Construction:** Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Wear * AASHTO T-96**Assurance Frequency:** Submit a 200 lb sample of aggregate per source, use form T-268.**Point of Acceptance:** Materials Source**Out of Spec Action:** Contractor must select another source**Documentation/Report:****Type of Construction:** Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Soundness * AASHTO T-104**Assurance Frequency:** Submit a 200 lb sample of aggregate per source, use form T-268.**Point of Acceptance:** Materials Source**Out of Spec Action:** Contractor must select another source**Documentation/Report:****Type of Construction:** Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Clay Lumps * AASHTO T-112**Assurance Frequency:** Submit a 200 lb sample of aggregate per source, use form T-268.**Point of Acceptance:** Stockpile**Out of Spec Action:** Rework or replace stockpile.**Documentation/Report:**

Related Items: N/A**Type of Construction:** Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Water Quality AASHTO T-26**Assurance Frequency:** Submit a 1 qt sample for each non-potable water source.**Point of Acceptance:** Source**Out of Spec Action:** Use an acceptable water source.**Documentation/Report:****Type of Construction:** Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Mix Design (Trial Batches) Contractor's trial batches to be made in accordance with standard specifications. Trial batch results shall be submitted and approved before concrete pavement is placed. Sufficient batches shall be made to cover any possible changes in mix components that might occur.**Assurance Frequency:** Submit a 1 pint sample of admixtures used in trial batches to Central Lab for fingerprinting. When production starts, send a sample of admixtures to Central Lab to insure they are the same as used in trial batches.**Point of Acceptance:** Supplier's location**Out of Spec Action:** Contractor may have to change his proportions of coarse and fine aggregate, wash or crush the coarse aggregate finer or add more cement.**Documentation/Report:****Type of Construction:** Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Sieve Analysis AASHTO T-27 and T-11**Assurance Frequency:** One gradation per stockpile containing the approximate tonnage required for a single day of concrete paving**Point of Acceptance:** Stockpile**Out of Spec Action:** Rework or replace stockpile**Documentation/Report:**

Related Items: N/A

Type of Construction: Portland Cement Concrete Pavement

Submittals:

Quality Assurance: Slump Test AASHTO T-119 and T-141, Air Test AASHTO T-152 and T-141

Assurance Frequency: Plant Site (Platform)

Point of Acceptance: Plant Site (Platform)

Out of Spec Action: N/A

Documentation/Report:

Type of Construction: Portland Cement Concrete Pavement

Submittals:

Quality Assurance: Yield AASHTO T-121 and T-141

Assurance Frequency: One test per day taken in conjunction with an air test.

Point of Acceptance: Plant Site

Out of Spec Action: Adjust mix design

Documentation/Report:

Type of Construction: Portland Cement Concrete Pavement

Submittals:

Quality Assurance: Strength Test AASHTO T-23

Assurance Frequency: One set of test cylinders per 2,600 sq yd of concrete pavement centrally mixed and hauled with non-agitating haul units, or one set of test cylinders for every 700 sq yd of concrete pavement centrally mixed and hauled with agitating haul units or transit mixed.

Point of Acceptance: Plant site for non-agitated haul units, roadbed for agitating haul units.

Out of Spec Action: Remove and replace with specification material, or appropriate price reduction.

Documentation/Report:

Related Items: N/A

Type of Construction: Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Temperature Requirement**Assurance Frequency:** One determination with each slump test.**Point of Acceptance:** Platform**Out of Spec Action:** Take corrective action or discontinue operations.**Documentation/Report:**

Type of Construction: Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Test Beams AASHTO T-23 and T-97**Assurance Frequency:** A minimum of two test beams for each day of concrete paving.**Point of Acceptance:** Plant site for centrally mixed concrete or transit mixed concrete.**Out of Spec Action:** Not an acceptance test. It is used to determine when traffic can be allowed on the pavement.**Documentation/Report:**

Type of Construction: Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Thickness**Assurance Frequency:** A minimum of one core per 1,300 sq yd.**Point of Acceptance:** Pavement**Out of Spec Action:** Take two additional cores for deficient cores (one on each side midpoint between the deficient core and the adjacent core).
Appropriate price reduction or removal and replacement with specification material.**Documentation/Report:**

Related Items: N/A

Type of Construction: Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Smoothness**Assurance Frequency:** A minimum of two pavement profiles for each day of concrete paving. For quantities less than 4,000 sq yd add to subsequent days production.**Point of Acceptance:** Pavement Surface**Out of Spec Action:** Grinding of pavement bumps, loss of bonus pay, or both.**Documentation/Report:**

Type of Construction: Portland Cement Concrete Pavement**Submittals:****Quality Assurance:** Test Report**Assurance Frequency:** Submit forms T-251 and T-258.**Point of Acceptance:** N/A**Out of Spec Action:** N/A**Documentation/Report:**